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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/560,139	
	Filing Date	9-Dec-2005	
	First Named Inventor	Avto TAVKHELIDZE	
	Art Unit		
	Examiner Name		
Total Number of Pages in This Submission	3	Attorney Docket Number	12093.PCT.US

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Sheet 1 of 2

Application Number	10/560,139
Filing Date	12/09/2005
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Art Unit	
Examiner Name	
Attorney Docket Number	12093.PCT.US

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US- 3,169,200	02-09-1965	Huffman	
		US- 3,740,592-A	06-19-1973	Engdahl et al.	
		US- 4,011,582-A	03-08-1977	Cline et al.	
		US- 4,063,965-A	12-20-1997	Cline et al.	
		US- 4,869,923	09-26-1989	Yamazaki	
		US- 5,094,915	03-10-1992	Subramaniam	
		US- 5,238,705	08-24-1993	Hayashi et al.	
		US- 5,283,501	02-01-1994	Zhu	
		US- 5,463,271	10-31-1995	Geis et al.	
		US- 5,474,816	12-12-1995	Falabella	
		US- 5,578,901	11-26-1996	Blanchet-Fincher et al.	
		US- 5,594,263-A	01-14-1997	Bedard et al.	
		US- 5,602,439	02-11-1997	Valone	
		US- 5,616,179	11-09-1999	Cox	
		US- 6,214,651-B1	04-10-2001	Cox	
		US- 6,417,060-B2	07-09-2002	Tavkhelidze et al.	
		US-			
		US-			
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		JP-40-7094787-A	04-07-1995	Tokai Carbon Co.		
		JP-40-7196371-A	08-01-1995	Tonen Corp.		

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	Examiner Name		
Sheet	2	of	2
Attorney Docket Number			12093.PCT.US

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		GEIS et al., "Electron field emission from diamond and other carbon materials after H ₂ , O ₂ , and Cs treatment", Applied Physics Letters, Aug. 28, 1995, pp. 1328-1330, Volume 67, Number 9, American Institute of Physics.	
		NAKAJIMA et al., "Generation of ballistic electrons in nanocrystalline porous silicon layers and its application to a solid-state planar luminescent device", Applied Physics Letters, Sep. 23, 2002, pp. 2472-2474, Volume 81, Number 13, American Institute of Physics.	
		OKANO et al., "Low-threshold cold cathodes made of nitrogen-doped chemical-vapour-deposited diamond", NATURE, May 9, 1996, pp. 140-141, Volume 381.	
		OZAKI et al., "The Relationship between Photoconduction Effects and Luminescent Properties of Porous Silicon", Japanese Journal of Applied Physics, Feb. 1995, pp. 946-949, Volume 34, Part 1, Number 2B.	
		ZENG et al., "Mean Free Path and Apparent Thermal Conductivity of a Gas in a Porous Medium", Journal of Heat Transfer, Aug. 1995, pp. 758-761, Volume 117, ASME.	

Examiner Signature		Date Considered	
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